

Anti-JAZF1 antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50814**Specification**

Anti-JAZF1 antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q86VZ6
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	27 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human JAZF1
Epitope Specificity	31-130/243
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 3 C2H2-type zinc fingers.
SUBUNIT	Interacts with TAK1.
DISEASE	Note=A chromosomal aberration involving JAZF1 may be a cause of endometrial stromal tumors. Translocation t(7;17)(p15;q21) with SUZ12. The translocation generates the JAZF1-SUZ12 oncogene consisting of the N-terminus part of JAZF1 and the C-terminus part of SUZ12. It is frequently found in all cases of endometrial stromal tumors, except in endometrial stromal sarcomas, where it is rarer. Translocation t(6;7)(p21;p22) with PHF1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This gene encodes a nuclear protein with three C2H2-type zinc fingers, and functions as a transcriptional repressor. Chromosomal aberrations involving this gene are associated with endometrial stromal tumors. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized [provided by RefSeq, Jul 2008]

Antigen Region	31-130/243 human
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Anti-JAZF1 antibody - Additional Information

Gene ID 221895**Other Names**

Juxtaposed with another zinc finger protein 1, TAK1-interacting protein 27, Zinc finger protein 802, JAZF1, TIP27, ZNF802

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Anti-JAZF1 antibody - Protein Information

Name JAZF1 ([HGNC:28917](#))

Synonyms TIP27, ZNF802

Function

Acts as a transcriptional corepressor of orphan nuclear receptor NR2C2 (PubMed:[15302918](http://www.uniprot.org/citations/15302918)). Inhibits expression of the gluconeogenesis enzyme PCK2 through inhibition of NR2C2 activity (By similarity). Also involved in transcriptional activation of NAMPT by promoting expression of PPARA and PPARG (By similarity). Plays a role in lipid metabolism by suppressing lipogenesis, increasing lipolysis and decreasing lipid accumulation in adipose tissue (By similarity). Plays a role in glucose homeostasis by improving glucose metabolism and insulin sensitivity (By similarity).

Cellular Location

Nucleus.

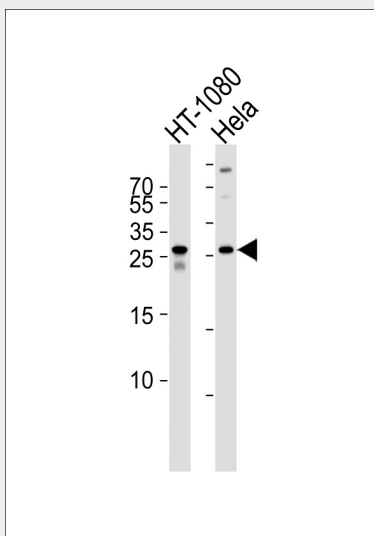
Tissue Location

Highest expression in testis with moderate levels in colon, placenta, prostate and ovary and low levels in brain, spleen, liver and small intestine.

Anti-JAZF1 antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-JAZF1 antibody - Images

Western blot analysis of lysates from HT-1080, HeLa cell line (from left to right), using Anti-JAZF1 antibody. This antibody was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Anti-JAZF1 antibody - Background

Potential transcription factor.